

CLAIM AMENDMENTS

The following is a complete listing of the pending claims:

1. (Currently amended) A method of operating a spread spectrum receiver comprising:
 - tracking a first signal as a direct signal;
 - tracking a second signal as a multipath signal;
 - monitoring the delay between the direct signal and the multipath signal;
 - modeling the correlation products for the multipath signal; and
 - compensating for the modeled correlation products ~~product~~.
2. (original) The method of claim 1; wherein compensating for the modeled correlation product comprises subtracting the modeled correlation from the direct signal correlation.
3. (original) The method of claim 1 wherein tracking a second signal comprises:
 - detecting a plurality of second signals;
 - comparing the magnitudes of the second signals; and
 - tracking the second signal having the greatest magnitude.
4. (original) The method of claim 1 further comprising:
 - when the direct signal is obscured, tracking the multipath signal as the direct path signal.
5. (original) The method of claim 1 further comprising:
 - tracking changes in the progression of the delay; and
 - maintaining a model of the direct signal based on the progression of the delay.
6. (original) The method of claim 5 further comprising:
 - when the direct signal is obscured, using the modeled direct path signal as the direct path signal.

7. (Currently amended) A spread spectrum receiver comprising:
means for tracking a first signal as a direct signal;
means for tracking a second signal as a multipath signal;
means for monitoring the delay between the direct signal and the multipath signal;
means for modeling the correlation products for the multipath signal; and
means for compensating for the modeled correlation ~~product~~ products.

8. (original) The receiver of claim 7 wherein the compensating means comprises
means for subtracting the modeled correlation from the direct signal correlation.

9. (original) The receiver of claim 7 wherein means for tracking a second signal
comprises:

means for detecting a plurality of second signals;
means for comparing the magnitudes of the second signals; and
means for tracking the second signal having the greatest magnitude.

10. (previously presented) The receiver of claim 7 further comprising:
means for tracking the multipath signal as the direct path signal when the direct
path signal is obscured.

11. (original) The receiver of claim 10 further comprising:
means for tracking changes in the progression of the delay; and
means for maintaining a model of the direct signal based on the progression of the
delay.

12. (previously presented) The receiver of claim 11 further comprising:
means for using the modeled direct path signal as the direct path signal, when the direct path signal is obscured.

13. (previously presented) The method of claim 1, further comprising modeling the correlation products for the multipath signal when the delay is within 1.5 chips.

14. (previously presented) The receiver of claim 7, wherein the means for modeling the correlation products for the multipath signal comprises means for modeling the correlation products for the multipath signal when the delay is within 1.5 chips.